

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

An oscillator and a radar apparatus that includes a [[A]] resonator (12) is
electro-magnetically connected to a micro strip line and a (13). ~~A rotor (11) is connected~~
~~to the resonator by capacitance. The bottom surface of the rotor has a changing height~~
~~and changes a height (h) of the bottom surface in the circumferential direction of the~~
~~rotor. A rotating angle of the rotor (11) and a resonant frequency of the resonator (12)~~
~~are well known. The~~ As the rotor (11) is rotated, and an actual oscillation frequency is
recognized from the rotating angle of the rotor (11) when an output of a detector (5) has
a peak. A modulation voltage supplied to a VCO is corrected in accordance with the
result. ~~Thus, in an oscillator used for an FM CW radar, an oscillation signal of a voltage~~
~~control oscillator is output via a micro strip line 13, and an oscillation signal can be~~
~~corrected with low costs.~~